

(19)



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(11)



EP 0 714 663 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
15.01.1997 Bulletin 1997/03

(51) Int Cl.<sup>6</sup>: A61K 45/06, A61K 31/445  
// (A61K31/445, 31:135),  
(A61K31/445, 31:145),  
(A61K31/445, 31:34),  
(A61K31/445, 31:40)

(21) Application number: 95308407.6

(22) Date of filing: 25.11.1995

(84) Designated Contracting States:  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT  
SE

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(30) Priority: 28.11.1994 US 345672

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### (54) Potentiation of drug response by a serotonin 1A receptor antagonist

(57) The power of citalopram, fluvoxamine and paroxetine to increase the availability of serotonin, nore-

pinephrine and dopamine, particularly serotonin, is augmented by administration in combination with a drug which is a serotonin 1A receptor antagonist.

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## PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 95 30 8407  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EUROPEAN JOURNAL OF PHARMACOLOGY, vol. 260, 1994, pages 251-255, XP000605645 HJORTH, AUERBACH: "FURTHER EVIDENCE FOR THE IMPORTANCE OF 5-HT1A AUTORECEPTORS IN THE ACTION OF SELECTIVE SEROTONIN REUPTAKE INHIBITORS" * page 252-254, left-hand column * ---	1,2,4-7, 9-11	A61K45/06 A61K31/445 //(A61K31/445, 31:135), (A61K31/445, 31:145), (A61K31/445, 31:34), (A61K31/445, 31:40)
X	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON IN VIVO METHODS, 17 - 20 September 1994, pages 209-210, XP000607002 BEL ET AL: "NEUROBIOLOGICAL BASIS FOR THE POTENTIATION OF THE ANTIDEPRESSANT EFFECT OF 5-HT UPTAKE INHIBITORS BY THE 5-HT1A ANTAGONIST PINDOLOL" * the whole document *	1-7,9-11	
		-/-	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A61K
INCOMPLETE SEARCH			
<p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims</p> <p>Claims searched completely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p>			
<p>see sheet C</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	6 November 1996	Kanbier, D	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**INCOMPLETE SEARCH**

The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extend that it is not possible to carry out a meaningfull search in the state of the art on the basis of some of the claims.

Claims searched completely:

Claims searched incompletely: 1,6,10

Claims not searched:

Reason for the limitation of the search: In view of the large number of compounds, which are defined by the general formula/description, used in claims 1,6,10, the search had to be restricted for economic reasons. The search was limited to the compounds for which pharmacological data was given and/or the compounds mentioned in the claims, and to the general idea underlying the application (see Guidelines, part B, chapter III, paragraph 3.6).



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## PARTIAL EUROPEAN SEARCH REPORT

Application Number  
EP 95 30 8407

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	ARCHIVES OF PHARMACOLOGY, vol. 317, no. 1, 1981, pages 36-43, XP000607079 BAUMANN, WALDMEIER: "FURTHER EVIDENCE FOR NEGATIVE FEEDBACK CONTROL OF SEROTONIN RELEASE IN THE CENTRAL NERVOUS SYSTEM" * page 37, right-hand column; figure 1; table 2 *	1,2,5	
A	* page 40 *	6,9	
X	ARCHIVES OF GENERAL PSYCHIATRY, vol. 51, no. 3, 1994, pages 248-251, XP000605678 ARTIGAS ET AL: "PINDOLOL INDUCES A RAPID IMPROVEMENT OF DEPRESSED PATIENTS TREATED WITH SEROTONIN REUPTAKE INHIBITORS" * page 249-251, left-hand column *	1,3-7, 9-11	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	JOURNAL OF NEUROCHEMISTRY, vol. 60, no. 2, 1993, pages 776-779, XP000604419 HJORTH: "SEROTONIN 5-HT1A AUTORECEPTOR BLOCKADE POTENTIATES THE ABILITY OF THE 5-HT REUPTAKE INHIBITOR CITALOPRAM ..." * page 777-779, left-hand column *	1,2,5-7, 9-11	